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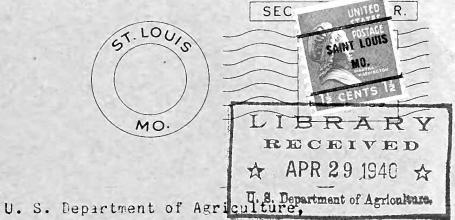
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Ed.F. Mangelsdorf & Bro., Inc.

Wholesale Grass and Field Seeds



Market Quotations



U. S. Department of Agriculture, Bureau of Plant Industry. Fruit & Vegetable Crop & Diseases. Washington, D. C.

MARKET .





OFFICE AND MAIN PLANT 500 SO. FIRST ST., ST. LOUIS Floor space 80,000 sq. feet

Address all communications to St. Louis, Mo.

## WE OFFER YOU THESE FACILITIES.....

COMPLETE STOCKS OF A WIDE VARIETY OF FARM, GRASS AND LAWN SEEDS • BUYING OPERATIONS DIRECT WITH SOURCES OF SUPPLY • LOCATION IN CENTER OF PRODUCING DISTRICTS OF HARDY NATIVE GRASSES AND CLOVERS, BEANS, PEAS, FORAGE SEEDS • EFFICIENT, ECONOMICAL HANDLING • LATEST IMPROVED CLEANING MACHINERY • LABORATORY CONTROL OF BUYING, CLEANING, PREPARATION OF ALL SEEDS TO MEET OR SURPASS HIGHEST STANDARDS DEMANDED BY MODERN SEED LAWS • SEED TAGGED WITH INFORMATION REQUIRED BY YOUR SEED LAW.

## ED. F. MANGELSDORF & BRO., INC.

Continuously under same management in St. Louis since 1919 Strictly independent—we have no affiliations

### ST. LOUIS

St. Louis—hub of trunk railroad lines to all parts of country. Served by numerous interstate truck lines. Low rates—quick service. Carlot, truckload or bag lot orders handled to your satisfaction



ASSEMBLING, CLEANING AND STORAGE PLANT ATCHISON, KANSAS

Seed elevator and 85,000 sq. feet storage space Address all communications to St. Louis, Mo.





WHOLESALE FIELD AND GRASS SEEDS

WE QUOTE TODAY'S VALUES FOR PROMPT SHIPMENT, F. O. B. ST. LOUIS BAGS NOT RETURNABLE, ALL QUOTATIONS ARE SUBJECT TO MARKET CHANGES. PRICES QUOTED ARE FOR FULL BAGS WE MAKE AN EXTRA CHARGE OF 15C PER PACKAGE ON ALL ORDERS FOR ANY ITEMS OF 60 LBS. OR LESS. PARCEL POST ORDERS 25C EXTRA PLUS POSTAGE. WE SELL TO DEALERS ONLY.

Missouri Seed Permit No. 12

List No. 496

500 So. Main/First) St. ST. LOUIS, MO. Telephones L.D. 94
MAin 0500

WE GIVE NO WARRANTY, EXPRESS OR IMPLIED. AS TO DESCRIPTION, QUALITY, PRODUCTIVENESS OR ANY OTHER MATTER OF ANY SEEDS WE SELL AND WILL NOT BE IN ANY WAY RESPONSIBLE FOR THE C

	TOTAL SALES	4	METAL MANAGEMENT AND AND ASSESSED.	
CROP	Mar.	16,	1940	

ALFALFA			00.7.
Control of		-	00 Lbs.
U.S. Verified Origin Seamless Bags E	—Sealed. xtra.	5 Bags or Mo <b>re</b>	Bag Lots
All new crop. True	e origin as st	ated.	
Kansas Alfalfa	M Brand	\$23.00	\$23.50
"	Fancy	21.00	21.50
Colorado-Kansas	M Brand	22.50	23.00
Oklahoma-Kansas	"	20.50	21.00
Oklahoma	"	18.50	19.00
Approved Oklahon Eligible for AAA award pay NOTICE: Order as "Appro	na—M quality yments Cent. S oved Oklahoma	y 19.00 tates Regio	19.50 on.
Kansas, M Brand, Specially-selected hardy s neer fields started 20 to	Pioneer	24.50	25.00
Nebraska	M Brand	24.50	25.00
Texas	44	17.00	17.50
Colorado	"	22.50	23.00
NORTH-WESTERN & N	ORTHERN OF	RIGINS:	
Montana	M Brand	26.50	27.00
Wyoming		25.00	25.50
Northwestern	66	24.50	25.00
Dakota #12 North Dal	kota Grown "	28.00	28.50
GRIMM, AFFIDA	AVIT:		el Bags 00 Lbs.
Okla. Grimm	M Brand	20.50	21.00
Kansas "	"	25.50	26.00
Northwestern G	rimm "	26.50	27.00
GRIMM—State-se	ealed, Cert	ified:	A LONG
Idaho Red Tag		\$34.50	\$35.00
CANADIAN-GRO	WN, Hard	y:	
Canadian Variegate		28.00	28.50
	Certified, No.1		30.50

SWEE Bags E	xtra.				Per 10	0 Lbs.
White Bl		M Fa	Brancy noice	and	\$6.50 5.75 5.25	\$6.75 6.00 5.50
Grundy C	County	M	Bra	and	7.00	7.25
Yeliow Bl	ossom	13122	"		6.50	6.75
Unhulled	White Yel.	Blos.	M	Branc	4.50	4.75 4.75
Hubam, A	Annual, WI		JLA'	" TION,	11.50 Order G	12.00 froup 1.

Grimm, Registered No. 1 32.00

ARGENTINE Alfalfa M Brand 16.50 17.00
Pur. 99.50%, Germ. 90%, Free of Noxious Weeds,
Stained According U. S. Regulations. In Jute Bags.
INCLUDE INOCULATION, Order Group 1.

32.50

RED CLOVER  Bags extra. Domestic. 1		100 lbs.
M Brand, Idaho, Bright Pur. 99% or better, free of Noxious wee	\$19.00	A STATE OF THE PARTY OF
Lot"Ajax" Idaho Grown, Pur. 96.50% to 97% plus 2.50% crop seeds, free of nox.	17.50	18.00
M Brand Mo. or Ill. Grown	17.00	17.50
Fancy, Cent. States Grown	16.00	16.50
Choice, " " "	15.00	15.50
MAMMOTH Red Clover M Brand INCLUDE INOCULATION	18.00 , Order (	18.50 Group 2.

ALSIKE CLOVER		Per	10	00 lbs.
Bags Extra				
M Brand Pur. 971/2% or better	\$	22.50	\$	23.00
Fancy, Pur. 95-97%		21.50		
INCLUDE INOCULATI	ON	, Order	G	roup 2.

LESPEDEZA Bags Incl.	Per 10	0 Lbs.
Korean, M Brand Pur. 98% or better.	\$6.25	\$6.50
Korean, Fancy Dodder on tag.	5.50	5.75
Korean, Special Lot "Boom" Salable under state laws not limiting noxic	4.50 ous.	4.75
Korean, Hulled (Scarified) M Brand Cheaper per acre; goes third farther. Bage 200 lbs. = 300 lbs. ordinary Korean in co	Extra.	7.25
Kobe (Later, taller variety) M Brand	10.00	10 50
SERICEA, Hulled M Brand	12.50	13.00
"Unhulled "Sericea is perennial variety. Small amt. 2	10.00 c lb. highe	10.50 r.
INCLUDE INOCULATI Group 3 if M Brand—Group	ON, Ord	ler

## **VETCHES—Austrian Peas**

Vetch fumigated, seale	Per 1	00 Lbs.	
Bags Incl., in 100 lb. bags.			
Hairy Winter Vetch, Michigan	44	\$10.50	\$11.00
Austrian Winter Peas	*	4.75	5.25

TIMOTHY	Per 100 Lbs.		
Bags Extra. New Crop. M Brand	5 Bags or More \$6.00	Bag Lots \$6.25	
Fancy	5.60	5.85	
Choice	5.15	5.40	
Timothy-Alsike Mixed 20% Ale	sike 9.50	10.00	
RED TOP	Per 10	0 Lbs.	

RED TOP	Per 10	00 Lbs.
Bags Extra. New Crop.		
M Brand (Pur.92% or better)	\$11.00	\$11.25
Fancy " 85% " "		10.75
Choice " 80% " "	9.75	.10.00
Superfine " 97% " "	12.00	12.25
Unhulled Redtop	6.00	6.25

KY. BLUE GRASS	Per 1	00 Lbs
Bags Included. New Crop.		
M Brand 21 lb.	\$19.50	\$19.75
Fancy 19 lb.	18.75	19.00
CANADA-KY. BLUE GRASS (Mixed) Domestic Grown. Free of Canada This	16.50 stle	17.00

LAWN GRASS MIXTURES		Attracti	ve clot	
Prices per Lb. For 100 lbs. or more	100-lb. Bags		3-lb. Bags	1-lb. Bags
M Brand, Finest Quality	19c	21c	22c	231/20
Greenvue, Good Quality	17c	19c	20c	21 1/20
Shady Spot	25c	27c	28c	29 1/20
Bent Grass Mixture	33c t	o 38c	lb.	

SUPER-M Lawn Grass	\$25.00 per 100 lbs
Finest quality, selected heavy seed, lowest weed-content, co	high-germinating rrect proportions.

## OTHER LAWN GRASSES

Low prices apply full bag	s. I	Prices per lb.
Bent Grass-State-sealed,	Cert.	50-lb. bags.
Coos or Seaside	@	56c to 59c
Astoria, Blue Tag	@	53c to 56c
Colonial or Olympic	@	49c to 52c
Chewings Fescue	@	53c to 58c
Poa Trivialis (For shade)	@	38c to 43c
(Also called Rough Stall	ked Me	adow Grass)
DVE CDACC		

RYE GRASS	Per 1	00 Lbs.
Bags Included. New Crop	Domes	tic.
Domestic—M Brand Purity 99%, germ .90%, Noxious-free	\$ 6.25	\$ 6.50
Perennial, Domestic	11.50	11.75

BERMUDA GRASS	
Bags Extra	Per 100 Lbs
M Brand—P 98%, G 90%	\$22.25 \$22.5

MEADOW FESCUE	Per 100 Lbs.
Ask for Prices	

ORCHARD GRASS	Per 1	00 Lbs.
Bags Included.		
M Brand { Specially cleaned against }	\$17.00	\$17.25

Standard Fancy	16.00 16.25
BROME GRASS	(Bromus Inermis)
Bags incl.	Per 100 Lbs.
M BRAND	\$14.50 \$14.75

## REED CANARY GRASS

Fancy-87/85

	Per 1	00 Lbs
M Brand	\$18.50	\$19.0
	Small Lots 21c lb.	

WHEAT GRASS	Per 1	00 Lbs
Crested—Fairway Strain Sealed, Certified.	\$16.00	\$16.50

OAT GRASS	Per 1	00 Lbs
Tall Meadow Oat Grass Pur. 83%, Germ. 90%, Some Nox	\$15.00	\$16.00

## CRIMSON CLOVER

Bags Extra.	New Crop	Per 1	00 Lbs.
M Brand, Dom	estic	\$12.50	\$13.00

## WHITE DUTCH CLOVER

Bags Extra, per 100 lbs.		25 lbs. or More	1 to 10 lbs
M Brand	\$63.00	\$65.00	\$68.00
Fancy		62.00	

New Crop—Reclea	ned	Per 1	00 lbs.
		Bags	Bag
Millet, German, Kans		\$2.50	Lots \$2.75
	Fancy		2.50
" Japanese		5.50	5.75
Sudan Grass,	M Brand	3.50	3.75
" " 1	Fancy	3.15	3.40
Fodder Cane, Mixed		2.50	2.65
" Black A	Mber	2.75	2.90
" " Orange		2.75	2.90
Milo Maize, Crook N	eck	2.40	2.55
" Sooner or	60 Day	2.40	2.55
Kaffir Corn, Sunrise		2.40	2.55
Hegari,		2.50	2.65
Grohoma,		2.75	2.90
Atlas Sorgo, Certified		4.50	4.75
" " Affidavit		2.75	2.90
Feterita,		3.00	3.25
Johnson Grass,		6.75	7.00
BROOM CORN, Stand	ard Evergreen	6.00	6.25

SOYBEANS	Per B	ushel
Bags Incl., Recl. New Cr	op.	
Virginia (Brown)	\$1.35	\$1.45
Black Wilson	1.35	1.45
Black Ebony	1.35	1.45
Kingwa (Early Black)	1.35	1.45
Illini (Yellow)	1.45	1.55
Mixed Yellow (Early)	1.40	1.50
Laredo (Mo. Grown)	1.75	1.85

COWPEAS	Per Bushel	
Bags Incl., Recl. New Crop.		
Mixed	\$1.25	\$1.35
New Era	1.50	1.60
New Era—Mixed	1.40	1.50
Whip—Mixed	1.45	1.55
Brabham	1.50	1.60

Bags Incl., New Crop Columbia Seed Oats Mo. Grown. Growers' Affidavit	\$ 0.78	\$ 0.83
Spring Barley, Seed Wisc. No. 38, Bearded.	1.05	1.10
Buckwheat, Seed Quality	Per 1 2.25	Lbs. 2.50

SEED GRAINS

RAPE SEED	Per 100 Lbs		
Bags Included.	201 100 1303		
Dwarf Essex, recleaned	\$7.50		
Sweet Bird Rape	\$7.50 9.00		

SUNFLOWER	Per 100	
Bags included.	5 Bags or More	Bag Lots
Extra Fancy, Trace weevil	5.25	5.50
Polly, Superfine; weevil-free, large grain	6.25	6.50

# M BRAND INOCULATION A HUMUS CULTURE

		Price	per Can		
Group I—Al	falfa. d and	Sweet Alsik	Clover. c Clover.	Dealer Price	Retail Price
1 -Bu. Car	(Tre	ats 3		\$0.16 .25	\$0.30 .45
21/2-Bu. "	••	1:	50 "	.45	.75
Group 3—Le 5—Co 6—So	wpeas		kinds). *		
I-Bu. Can (	Treate	60	lbs.)	.16	.30
2-Bu. "	••	120	**	.25	.45
5-Bu. "	••	300	44	.45	.75
10-Bu. "	••	600	••	.75	1.15
25-Bu. **		1500	••	1.35	2.00
*Group 3-5	Bu. S	ize is l	argest.		

BIRD SEEDS	Per	100	Lbs.
Bags Included.			
Canary, Recleaned		S	4.50
Hemp, " (Devitalized	(1)		7.00
Rape, Large Dwarf Essex			7.50
" Sweet Bird, Small			9.00
Bird Seed, Ready Mixed			6.50
Canada Field Peas			0.00
Polly Sunflower, weevil-free, Superfi	ne		6.50
Millet, Large Red, Fancy			1.90
" " Yellow, "			2.15
Wild Duck Millet			6.00
Flax, Whole			5.50
Bird Thistle			13.00
Bird Lettuce		-	13.00
Pepper Grass		21.	3.00
Plantain			2.00
Recleaned for Feed Mixing.	Per	100	Lbs.
Early Fortune Red Millet	\$1.70	to	\$1.80
Yellow Hog (Proso) "			2.10
Mixed Feed Millet			1.70
Kaffir Corn, Feed			1.50
Milo Maize "			1.50

## HYBRID SEED CORN

 (Yellow) Per bu.

 In special colored 1-bu. Hybrid bags. Semesan treatment included free. 1939-crop. Our own production, carefully supervised. Sealed bags. All edge-drop grade.

 XX-1—Mangelsdorf's
 \$4.50
 \$4.75

 U. S. 13 (Rich Soil)
 4.50
 4.75

 Mo. No. 8
 4.50
 4.75

 Ill. 960
 4.00
 4.25

Now booking for later shipment. 20% down-payment with order.

## SEED CORN-Open-pollinated

	2½-bu. Jute Bags incl.			Pe	r bu.
	COMMERCIAL GRADE	Ger	m. 90%	or	better, ed.
	White Dent	\$	1.20	\$	1.30
	Yellow "		1.10		1.20
	Red Cob St. Charles White		1.20		1.30
	M BRAND Germ. 90% or better	, bu	itted & t	ippe	d.
	Reid's Yellow Dent		1.75		1.90
	Leaming Yellow		1.75		1.90
	Midland "		2.00		2.15
	Silver Mine White		1.85		2.00
	White Dent		1.85		2.00
1	Red Cob St. Charles White		1.85		2.00
1	Hickory King White		1.90		2.00

## PEAT MOSS (Swedish)

Prices per Bale.	25 Bales	10 Bales	Bale
	or More	or More	Lots
Horticultural	\$3.50	\$3.60	\$3.70
Poultry Litter	3.20	3.30	3.40
" 25 lb.	bags, .75	.85	.90

## SEAMLESS BAGS (New)

Full 16 oz. 100 bags per bale.

Fulton "A" New \$27.50 to \$28.75

Royal River " 26.00 to 27.00

BINDER TWINE	(New) 25 Balea	Less
SILVER CROWN MUNDIAL		\$4.15
MUNDIAL		4.15 Bale

	POPCORN	Per 1	00 lbs.
Ì	Bags included. 100-lb. bags.	5 Bags or more	Bag Lots
	SO. AMERICAN LARGE	YELLO	W
	EMBRO (Specially Selected, ( Highest Popping Test)	\$3.75	\$4.00
-	Fancy (Good Standard Quality)	3.25	3.50

4.25

5.00

4.50

Jap. Hull-less (White)

Black Beauty

"Better Seeds Better Crops"	ORDER CARD REQUIRES NO POSTAGE  MBran Are Select.	
GENTLEMEN:	DATE	
YOU MAY SHIP US VIA		THE FOLLOWING
QUANTITY	KIND OF SEED	GRADE OR QUALITY
•		

TERMS CASH, NO DISCOUNT, SUBJECT TO DEMAND DRAFT

YOUR NAME

ST. LOUIS

ADDRESS

SEMESAN—CERESAN—INOCULATION—STIM-U-PLANT [54]

[See Other]

13.50 13.75



### SEMESAN

Seed Disinfectants

CERESAN New Improved For Wheat, Barley and Oats. Easily and quiekly applied. One pound treats 32 bushels.

Sizes of Packages	Retail Price Per Package	Dealer Price	Packages Per Case
4-oz. can	\$0.30	\$ 2.20 per doz.	3 doz.
1-lb. "	.75	6.35	
5-lb. "	3.25	14.40 " ½"	l only
25-lb. pail	14.00	11.25 per pkg.	
100-lb. D.	53.00	42.50 "	

## SEMESAN, JR. New Improved — A Dust Disinfectant for Seed Corn. One pound treats 8 Bushels.

2-oz. pkt.	\$0.15	\$ 1.10 per doz.	12 doz.
4-oz. can	.30	2.20 per doz.	3 "
1-lb. "	.75	6.00 " "	1 "
5-1b. "	3.00	13.50 ½ "	1/2 "
25-lb. pail	12.50	10.50 per pkg.	1 only
100-lb. D.	45.00	37.00 per Drum	1 only

#### SEMESAN BEL New Improved — A Dip disinfectant for seed potatoes. (1 pound treats 60 to 80 Bushels.)

Editoriani - 10- 50	a porarrount	(a beard or earn or to b	o as encureantly
2-oz pkt.	\$0 25	\$ 1.80 per doz.	12 doz.
4-oz. can	0.50	3.60 " "	3 "
1-1b. "	1.50	12.00 " "	1 "
5-lb. "	6.50	29.55 ½ "	1/2 "
25-lb. pail	30.00	24.40 per pkg.	l only

## SEMESAN — A General Disinfectant for Vegetable and Flower Seeds or Bulbs, and Certain Plant Diseases.

1/-oz. pkt.	\$9.10	\$ .75 per doz.	12 doz.
2-oz. can	0.35	2.70 " "	3 "
1-1b. "	2.25	18.00 " "	1 "
5-lb. "	10.00	44.40 1/2 "	1/2 "

## REGULAR CERESAN — For Cotton, Millets Sorghums. One pound treats 5 to 8 Bushels.

1-1b. can	\$0.70	\$ 6.00 per doz.	I doz.
5-lb. "	3.00	13.50 1/6	1/2
25-lb. pail	13.25	10.50 per pkg.	1 only
100-lb. D.	50.00	40.00 " "	l only

### M BRAND INOCULATION

#### A HUMUS CULTURE

	Price	per Can
Group 1—Alfalfa, Sweet Clover. "2—Red and Alsike Clover.	Dealer Price	Retail Price
½-Bu. Can (Treats 30 lbs.) 1 -Bu. " " 60 " 2½-Bu. " " 150 "	\$0.16 .25 .45	\$0.30 .45 .75
Group 3—Lespedezas (all kinds).*  '		
1-Bu. Can (Treats 60 lbs.)	.16	.30
2-Bu. " " 120 "	.25	.45
5-Bu. " " 300 "	.45	.75
10-Bu, " " 600 "	.75	1.15
25-Bu. " 1500 "	1.35	2.00
*Croup 3-5 Ru Size is largest		

#### \*Group 3-5 Bu. Size is largest.

#### CYANOGAS G-FUMIGANT

Size	Dealer Price	Retail Price	Per Case Packing
4 oz.	\$ 0.20 each	\$ 0.30 each	1 doz.
5 lb.	2.10 "	3.00 "	20
25 lb.	7.50 "	10.00 "	4
100 в.	20.00 "	25.00 "	1

### CYANOGAS A-DUST

36 lb. 1 lb.	\$ .30 each	\$ .45 each	8 doz.
5 lb.	2.10 "	3.00 "	20 cans
25 lb.	7.50 "	10.00 "	4 "
100 lb.	20.00 "	25.00 "	1 "

### McQUEEN'S INOCULATION

	Price r	er Can
Group 1-Alfalfa, Sweet Clover. 2-Red and Alsike Clover.	Dealer Price	
1/2 Bu. Can (Treats 30 lbs.) 1 -Bu. " 60 " 21/2-Bu. " 150 " Group 4—Vetch, Austrian Peas.	\$0.16 .25 .45	\$0.30 .45 .75
½ Bu. Can (Treats 30 lbs.) 1 ¾ Bu. " " 100 " 16 ¾ Bu. " " 1000 "	\$0.16 .25 1.50	\$0.30 .45 2.25
Group 5—Lespedeza (all kinds). Co 6—Soybeans.	wpeas.	
1-Bu, Can (Treats 60 lbs.) 2-Bu. " 120 " 5-Bu. " 300 "	\$0.16 .25 .45	\$0.30 .45 .75
10 & 25 Bu. size for Soybeans only.		
10-Bu. " " 600 " 25-Bu. " 1200 "	.75 1.35	1.15

### STIM-U-PLANT

#### CONCENTRATED PLANT FOOD IN TABLET FORM FOR POTTED PLANTS, SMALL GARDENS, SHRUBBERY

No. per	Packages	Dealer Price	Dealer Price	Retail Price
Package	Per Carton	Per Carton	Per Package	Per Package
10 Tablets	10	\$0.60	\$0.06	\$0.10
30 Tablets	10	1.50	.15	.25
100 Tablets		1.30	.45	.75
500 Tablets 1000 Tablets			1.50 2.10	2.50 3.50





### **BUSINESS REPLY CARD**

NO POSTAGE STAMP NECESSARY IF MAILED IN THE UNITED STATES

ED. F. MANGELSDORF & BRO., INC. 500 SO. FIRST (MAIN) ST.

ST. LOUIS, MO.

AND MAIL YOUR ORDER ON THIS POST CARD WE PAY THE

DETACH

### SEED CHART

SEED	Weight per Bu.	Pounds per, Acre	TIME OF SEEDING
Alfalfa	60	15-20	March, May-August, September
Alsike Clover	60	6-10	January, April—August, October
Barley	48	72-96	March, April—September
Bermuda Grass	40	5-10	March—June
Blue Grass (Lawns: 1 lb. 200 sq. ft.)	14	30-40	February, June-August, October
Buckwheat	48	48-60	May—July
Cane, Fodder	50	50-65	May-July
Corn, Field	56	7-10	May—July
Corn, Ensilage	56	30-35	May—July
Clover, Alsike	60	6-10	January, April-August, October
Clover, Bur (Hulled)	60	15-20	August-November
Clover, Crimson	60	15-20	July-October
Clover, Japan	25	25-30	February—May
Clover, Red	60	10-12	January, April—August, November
Clover, Sweet	60	15-25	January, May-July, September
Clover, Sweet (Unhulled)	40	25-40	November—February
Clover, White (Lawns: 1 lb. 400 sq. ft.)	60	3.5	February, June-August, October
Cowpeas (Drilled)	60	45-70	May—August
Johnson Grass	28	20-30	April—July
Kaffir Corn—Milo Maize	56	20-30	May—July
Lawn Grass (Lawns: 1 lb. 200 sq. ft.)	25	150-200	February, April-August, October
Lespedeza, Korean	25	15-25	February—May
Lespedeza, Common (Japan Clover)	. 25	25-30	February-May
Meadow Fescue	24	25-35	March, May-August, September
Millet, German	50	40-50	May—July
Millet, Hungarian	48	40-50	May-July
Millet, Japanese	35	25-40	. May—July
Oats	32	50-75	March-May
Orchard Grass	14	20-25	March, May-August, October
Pasture Mixture	25	25-35	March, June-August, October
Rape, Dwarf Essex	56	6-10	April—September
Redtop, Solid (Measured bu. 32 lbs.)	14	8-12	February, June-August, October
Redtop, Unhulled	14	20-30	February, June-August, October
Rye, Winter	56	60-90	July-November
Rye Grass	24	25-35	February, June-August, October
Soybeans (Drilled)	60	30-60	May-August
Sudan Grass	40	15-30	April—July
Sunflower	22	3-6	May—July
Timothy	45	8-12	February, May August, November
Vetch, Hairy Winter	60	30-50	August-November